SEQUENCE LISTING

<110> Coia, et al.

<120> V-like Domain Binding Molecules

<130> 674537-2002

<140> 09/623,611
<141> 2000-10-06

<150> PCT/AU99/00136
<151> 1999-03-05

<150> AU PP 2210
<151> 1998-03-06

<160> 142

<170> PatentIn version 3.0

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<210> 5
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gcagctaata cgactcacta taggaacaga ccaccatgga cgtggcccag cctgctgtgg 60

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tgtgccactg aggtccgggt gaca 84

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agcctccacc ttgcagatgt agag 84

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<222> (1)..(75)
<223> k is g or t

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cgggtgacag tgcttcgg 78

<210> 20
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<210> 24

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gagtcccgt 69

<210> 28
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gtgaca 66

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gagtatgc 68

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<222> (1)..(66)
<223> 's' is 'g' or 'c'

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<222> (1)..(73)
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gtgcttcggc agg 73

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cgggtgacag tgcttcggca gg 82

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<222> (1)..(82)
<223> 'k' is 'g' or 't'

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cgggtgacag tgcttcggca gg 82

<210> 35
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<222> (1)..(70)
<223> 'k' is 'g' or 't'

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<222> (1)..(70)
<223> 'w' is 't' or 'a'

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<222> (1)..(70)

<223> 't' is 't' or 'c'
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<221> misc_feature
<222> (1)..(70)
<223> 'k' is 'g' or 't'

<400> 35
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cttcggcagg 70

<210> 36
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<222> (1)..(70)
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cttcggcagg 70

<210> 37
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<223> 'k' is 'g' or 't'

<400> 37
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ccatctg 67

<210> 38
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<400> 38
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<210> 39
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<223> 'k' is 'g' or 't'

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tccatctg 68

<210> 40
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<400> 40
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<210> 41
<211> 69

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<222> (1)..(69)
<223> nucleotide 'n' can be any nucleotide 'a', 'c', 'g', or 't'.

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<221> misc_feature
<222> (1)..(69)
<223> 'm' is 'c' or 'a'

<400> 41
ctgggtaccg ttgccgatgc cmnnmnnmnn mnnmnnmnnm nnmnnmnnct ccaccttgca 60

gatgtagag 69

<210> 42
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nucleotide 's' can be either nucleotide 'g' or 'c'

<400> 42
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acggtac 67

<210> 43
<211> 78
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gcagatgtag agtcccgt 78

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nucleotide 'm' can be any nucleotide 'a' or 'c'.

<400> 44
aatctgggta ccgttgccga tgcccagmnn mnnmnnmnnm nnmnnmnnmn nmnnmnnmnn 60

mnnmnnctcc accttgcaga tgtagagtcc cgt 93

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<223> nucleotide 'n' can be any nucleotide 'a', 'c', 'g', or 't' and
nucleotide 'm' can be any nucleotide 'a' or 'c'.

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cttgcagatg tagagtcccg t 81

<210> 46
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<223> nucleotide 'n' can be any nucleotide 'a', 'c', 'g', or 't' and
nucleotide 'm' can be any nucleotide 'a' or 'c'.

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mnncaccttg cagatgtaga gtcccgt 87

<210> 47
<211> 99
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<222> (1)..(99)
<223> nucleotide 'n' can be any nucleotide 'a', 'c', 'g', or 't' and
nucleotide 'm' can be any nucleotide 'a' or 'c'.

<400> 47
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mnnmnnmnnm nnmnncacct tgcagatgta gagtcccgt 99

<210> 48
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nucleotide 'm' can be any nucleotide 'a' or 'c',
nucleotide 'r' can be any nucleotide 'a' or 'g' and
nucleotide 'w' can be any nucleotide 'a' or 't'.

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mnncaccttg cagatgtaga gtcccgt 87

<210> 49
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tgtgaatatg 70

<210> 50
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cgtgtgaccg tgctgcg 77

<210> 51
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<220>
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<210> 52
<211> 75
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gattccatct gcacc 75

<210> 53
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atccag 66

<210> 54
<211> 57
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<400> 54
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<210> 55
<211> 66
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cagacc 66

<210> 56
<211> 69
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<210> 57
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<223> Polynucleotide encoding Human CTLA-4 cDNA

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Ala Met His
1

gtg gcc cag cct gct gtg gta ctg gcc agc agc cga ggc atc gcc agc 165
Val Ala Gln Pro Ala Val Val Leu Ala Ser Ser Arg Gly Ile Ala Ser
5 10 15

ttt gtg tgt gag tat gca tct cca ggc aaa gcc act gag gtc cgg gtg 213
Phe Val Cys Glu Tyr Ala Ser Pro Gly Lys Ala Thr Glu Val Arg Val
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aca gtg ctt cgg cag gct gac agc cag gtg act gaa gtc tgt gcg gca 261
Thr Val Leu Arg Gln Ala Asp Ser Gln Val Thr Glu Val Cys Ala Ala
40 45 50

acc tac atg acg ggg aat gag ttg acc ttc cta gat gat tcc atc tgc 309
Thr Tyr Met Thr Gly Asn Glu Leu Thr Phe Leu Asp Asp Ser Ile Cys
55 60 65

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Thr Gly Thr Ser Ser Gly Asn Gln Val Asn Leu Thr Ile Gln Gly Leu
70 75 80

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Arg Ala Met Asp Thr Gly Leu Tyr Ile Cys Lys Val Glu Leu Met Tyr
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cca ccg cca tac tac ctg ggc ata ggc aac gga acc cag att tat gta 453
Pro Pro Pro Tyr Tyr Leu Gly Ile Gly Asn Gly Thr Gln Ile Tyr Val
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tcggggttgt ttttttatag ctttctcctc acagctgttt ctttgagcaa aatgctaaag 573

aaaagaagcc ctcttacaac aggggtctat gtgaaaatgc ccccaacaga gccagaatgt 633

gaaaagcaat ttcagcctta ttttattccc atcaattga 672

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<212> PRT
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<400> 58

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Val Arg Val Thr Val Leu Arg Gln Ala Asp Ser Gln Val Thr Glu Val
35 40 45

Cys Ala Ala Thr Tyr Met Thr Gly Asn Glu Leu Thr Phe Leu Asp Asp
50 55 60

Ser Ile Cys Thr Gly Thr Ser Ser Gly Asn Gln Val Asn Leu Thr Ile
65 70 75 80

Gln Gly Leu Arg Ala Met Asp Thr Gly Leu Tyr Ile Cys Lys Val Glu
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Leu Met Tyr Pro Pro Pro Tyr Tyr Leu Gly Ile Gly Asn Gly Thr Gln
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Ile Tyr Val
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<400> 62

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<213> Artificial Sequence

<220>
<223> Haemagglutinin tag

<400> 63

Tyr Pro Tyr Asp Val Pro Asp Tyr Ala
1 5

<210> 64
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Sequence from anti-lysozyme antibody

<400> 64

Ser Gly Tyr Thr Ile Gly Pro Tyr Cys Met Gly
1 5 10

<210> 65
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Sequence from anti-lysozyme antibody

<400> 65

Thr Tyr Met Met Gly Asn Glu Leu Thr Phe

1 5 10

<210> 66
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Sequence from anti-lysozyme antibody

<400> 66

Asp Ser Thr Ile Tyr Ala Ser Tyr Tyr Glu Cys Gly His Gly Leu Ser
1 5 10 15

Thr Gly Gly Tyr Gly Tyr Asp Ser
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<210> 67
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<212> PRT
<213> Homo sapiens

<400> 67

Ser Gly Phe Thr Phe Ser Ser Tyr Ala Met Ser
1 5 10

<210> 68
<211> 10
<212> PRT
<213> Homo sapiens

<400> 68

Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr
1 5 10

<210> 69
<211> 15
<212> PRT
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<400> 69

Gly Trp Gly Leu Arg Gly Glu Glu Gly Asp Tyr Tyr Met Asp Val
1 5 10 15

<210> 70
<211> 21
<212> PRT
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<220>
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<400> 70

Ala Ala Ala Asp Tyr Lys Asp Asp Asp Asp Lys Ala Ala Asp Tyr Lys
1 5 10 15

Asp Asp Asp Asp Lys
20

<210> 71
<211> 14
<212> PRT
<213> Homo sapiens

<400> 71

Ser Phe Val Cys Glu Tyr Ala Ser Pro Gly Lys Ala Thr Glu
1 5 10

<210> 72
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
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<400> 72

Ser Phe Val Cys Glu Tyr Ala Ser Gly Tyr Thr Ile Gly Pro Tyr Cys
1 5 10 15

Met Gly

<210> 73
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein

<400> 73

Ser Phe Val Cys Glu Tyr Ala Ala Gly Cys Lys Asn Phe Phe Trp Lys
1 5 10 15

Thr Phe Thr Ser Cys Ala Thr Glu
20

<210> 74
<211> 18
<212> PRT
<213> Homo sapiens

<400> 74

Ser Phe Val Cys Glu Tyr Ala Ser Gly Phe Thr Phe Ser Ser Tyr Ala

1 5 10 15

Met Ser

<210> 75
<211> 15
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<223> ' X' can be any amino acid

<400> 75

Ser Phe Val Cys Glu Tyr Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Gly
1 5 10 15

<210> 76
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein containing the random sequence

<220>
<221> UNSURE
<222> (1)..(18)
<223> ' X' can be any amino acid

<400> 76

Ser Phe Val Cys Glu Tyr Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys
1 5 10 15

Xaa Gly

<210> 77
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein containing the random sequence

<220>
<221> UNSURE
<222> (1)..(21)

<223> ' X' can be any amino acid

<400> 77

Ser Phe Val Cys Glu Tyr Ala Xaa Xaa Ala Arg Xaa Ala Arg Xaa Xaa
1 5 10 15

Ala Arg Cys Xaa Gly
20

<210> 78
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (1)..(14)
<223> 'X' can be any amino acid

<400> 78

Ser Phe Val Cys Glu Tyr Ala Ser Pro Gly Xaa Xaa Xaa Xaa
1 5 10

<210> 79
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (1)..(14)
<223> ' X' can be any amino acid

<400> 79

Ser Phe Val Cys Glu Tyr Ala Ser Pro Gly Xaa Cys Xaa Xaa
1 5 10

<210> 80
<211> 18
<212> PRT
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<220>
<223> sequence from fusion protein containing the random sequence

<220>
<221> UNSURE
<222> (1)..(18)
<223> ' X' can be any amino acid

<400> 80

Ser Phe Val Cys Glu Tyr Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Ala
1 5 10 15

Thr Glu

<210> 81
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein containing the random sequence

<220>
<221> UNSURE
<222> (1)..(18)
<223> ' X' can be any amino acid

<400> 81

Ser Phe Val Cys Glu Tyr Ala Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Ala
1 5 10 15

Thr Glu

<210> 82
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<221> UNSURE
<222> (1)..(24)
<223> ' X' can be any amino acid

<400> 82

Ser Phe Val Cys Glu Tyr Ala Ala Gly Cys Lys Asn Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa Thr Ser Cys Ala Thr Glu
20

<210> 83
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein

<400> 83

Gln Val Thr Glu Val Cys Ala Ala Thr Tyr Met Met Gly Asn Glu Leu
1 5 10 15

Thr Phe Leu Asp Asp Ser Ile Cys Thr
20 25

<210> 84
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein

<400> 84

Gln Val Thr Glu Val Cys Ala Ala Ala Ile Asn Met Gly Gly Gly Ile
1 5 10 15

Thr Phe Leu Asp Asp Ser Ile Cys Thr
20 25

<210> 85
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein

<400> 85

Gln Val Thr Glu Val Cys Ala Ala Thr Tyr Pro Tyr Asp Val Pro Asp
1 5 10 15

Tyr Ala Leu Asp Asp Ser Ile Cys Thr
20 25

<210> 86
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein

<400> 86

Gln Val Thr Glu Val Cys Ala Ala Ala Ile Ser Gly Ser Gly Gly Ser
1 5 10 15

Thr Tyr Leu Asp Asp Ser Ile Cys Thr
20 25

<210> 87
<211> 25
<212> PRT
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<220>
<223> sequence from fusion protein containing the random sequence 1

<220>
<221> UNSURE
<222> (1)..(25)
<223> 'n' can be any amino acid

<400> 87

Gln Val Thr Glu Val Cys Ala Ala Thr Tyr Xaa Xaa Gly Xaa Glu Leu
1 5 10 15

Thr Phe Leu Asp Asp Ser Ile Cys Thr
20 25

<210> 88
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein containing the random sequence 2

<220>
<221> UNSURE
<222> (1)..(25)
<223> amino acid 'X' can be any amino acid

<400> 88

Gln Val Thr Glu Val Cys Ala Ala Cys Tyr Xaa Xaa Gly Xaa Glu Leu
1 5 10 15

Thr Phe Leu Asp Asp Ser Ile Cys Thr
20 25

<210> 89
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein

<400> 89

Cys Lys Val Glu Leu Met Tyr Pro Pro Pro Tyr Tyr Leu
1 5 10

<210> 90
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein

<400> 90

Cys Lys Val Asp Ser Thr Ile Tyr Ala Ser Tyr Tyr Glu Cys Gly His
1 5 10 15

Gly Leu Ser Thr Gly Gly Tyr Gly Tyr Asp Ser
20 25

<210> 91
<211> 18
<212> PRT
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<220>
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<400> 91

Cys Lys Val Glu Ala Gly Cys Lys Asn Phe Phe Trp Lys Thr Phe Thr
1 5 10 15

Ser Cys

<210> 92
<211> 18
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<220>
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<400> 92

Cys Lys Val Gly Trp Gly Leu Arg Gly Glu Glu Gly Asp Tyr Tyr Met
1 5 10 15

Asp Val

<210> 93
<211> 14
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<220>
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<223> ' X' can be any amino acid

<400> 93

Cys Lys Val Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 94
<211> 18
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<220>
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<223> ' X' can be any amino acid

<400> 94

Cys Lys Val Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa

<210> 95
<211> 14
<212> PRT
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<220>
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<220>
<221> UNSURE
<222> (1)..(14)
<223> ' X' can be any amino acid

<400> 95

Cys Lys Val Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa
1 5 10

<210> 96
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein containing the random sequence

<220>
<221> UNSURE
<222> (1)..(15)
<223> ' X' can be any amino acid

<400> 96

Cys Lys Val Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa
1 5 10 15

<210> 97
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein containing the random sequence

<220>
<221> UNSURE
<222> (1)..(17)
<223> ' X' can be any amino acid

<400> 97

Cys Lys Val Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa
1 5 10 15

Xaa

<210> 98
<211> 21

<212> PRT
<213> Artificial Sequence

<220>
<223> sequence from fusion protein containing the random sequence

<220>
<221> UNSURE
<222> (1)..(21)
<223> ' X' can be any amino acid

<400> 98

Cys Lys Val Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa
1 5 10 15

Xaa Xaa Xaa Xaa Xaa
20

<210> 99
<211> 13
<212> PRT
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<220>
<223> sequence from fusion protein containing the random sequence

<220>
<221> UNSURE
<222> (1)..(13)
<223> ' X' can be any amino acid

<400> 99

Cys Lys Val Glu Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 100
<211> 18
<212> PRT
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<220>
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<220>
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<400> 100

Cys Lys Val Glu Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa

<210> 101
<211> 18
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<220>
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<220>
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<222> (1)..(18)
<223> ' X' can be any amino acid

<400> 101

Cys Lys Val Glu Ala Gly Cys Lys Asn Xaa Xaa Xaa Xaa Xaa Xaa Thr
1 5 10 15

Ser Cys

<210> 102
<211> 10
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 102

Leu Pro Ser Ser Asp Thr Arg Ala Tyr Ser
1 5 10

<210> 103
<211> 8
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 103

Gln Glu Ser Gly Gly Arg Pro Gly
1 5

<210> 104
<211> 10
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 104

Leu Pro Arg Gly Pro Pro Leu Leu Ser Leu
1 5 10

<210> 105
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 105

Ser Pro Gly Arg Cys Leu Asn
1 5

<210> 106
<211> 8
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<220>
<221> UNSURE
<222> (8)..(8)
<223> Stop codon but Glu when expressed in Tg-1 or JM109 strains of E.c
ol

<400> 106

Glu Trp Lys Arg Glu His Gly Gly
1 5

<210> 107
<211> 10
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 107

Leu Cys Pro Gly Ala Cys Gly Cys Val Tyr
1 5 10

<210> 108
<211> 8
<212> PRT

<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<220>
<221> UNSURE
<222> (4)..(4)
<223> stop codon but Glu when expressed in Tg-1 or JM109 strains of E.c
ol

<400> 108

Asn Ser Gly Glu Asn Glu Gly Gly
1 5

<210> 109
<211> 8
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 109

Asp Lys Pro Val Thr Lys Ser Gly
1 5

<210> 110
<211> 7
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<220>
<221> UNSURE
<222> (7)..(7)
<223> Stop codon but Glu when expressed in Tg-1 or JM109 strains of E.c
ol

<400> 110

Ser Pro Gly Ala Cys Pro Glu
1 5

<210> 111
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 111

Ser Pro Gly Lys Cys Asp Gln
1 5

<210> 112
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 112

Ser Pro Gly Met Cys Ala Arg
1 5

<210> 113
<211> 11
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<220>
<221> UNSURE
<222> (8)..(8)
<223> Stop codon but Glu when expressed in Tg-1 or JM109 strains of E.c
ol

<400> 113

Pro Phe Leu Phe Leu Pro Cys Glu Phe Phe Phe
1 5 10

<210> 114
<211> 11
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 114

Trp Thr Leu Gly His His Lys Leu Cys Glu Gly
1 5 10

<210> 115
<211> 10
<212> PRT
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<220>
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<400> 115

Leu Phe Thr Cys Leu Leu Ala Leu Cys Ser
1 5 10

<210> 116
<211> 7
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 116

Ser Pro Gly Glu Cys Tyr Gly
1 5

<210> 117
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<220>
<221> UNSURE
<222> (1)..(13)
<223> ' X' can be any amino acid

<400> 117

Ser Trp Leu Ser Thr Thr Xaa Cys Leu Ser Ser Cys Ser
1 5 10

<210> 118
<211> 7
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<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<220>
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<222> (4)..(4)
<223> Stop codon but Glu when expressed in Tg-1 or JM109 strains of E.c
ol

<400> 118

Ser Pro Gly Glu Cys Gln Asp
1 5

<210> 119
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 119

Leu Leu Gly Ser Leu Leu Ser Cys Phe Ala Ser Leu Ser
1 5 10

<210> 120
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<220>
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<222> (1)..(13)
<223> ' X' can be any amino acid

<400> 120

Ser Pro Gly Ser Leu Leu Ser Cys Phe Ala Ser Xaa Ser
1 5 10

<210> 121
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 121

Ser Pro Gly Arg Cys Thr Asp
1 5

<210> 122
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 122

Val Ile Cys His Ser Ser Val Cys Leu Ser Asp Val Cys
1 5 10

<210> 123
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 123

Val Ile Cys His Ser Ser Val Cys Leu Ser Glu Val Cys
1 5 10

<210> 124
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 124

Asp Leu Pro Ser Tyr Leu Ala Cys Ser Ile
1 5 10

<210> 125
<211> 7
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts posseing randomly generated sequence

<400> 125

Ser Pro Gly Arg Cys Asp Ala
1 5

<210> 126
<211> 14
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts posseing randomly generated sequence

<400> 126

Ala Leu Cys Trp Asp Val Phe Tyr Cys Ser Phe Pro Ser Tyr
1 5 10

<210> 127

<211> 11
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 127

Glu Leu Phe Gly His Ala Arg Tyr Cys Lys Gly
1 5 10

<210> 128
<211> 15
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<220>
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<222> (7)..(7)
<223> Stop codon but Glu when expressed in Tg-1 or JM109 strains of E.c
ol

<400> 128

Val Ser Ile Thr Ser Pro Glu Leu Cys Pro Val Lys Val Phe Asp
1 5 10 15

<210> 129
<211> 7
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<220>
<221> UNSURE
<222> (6)..(6)
<223> Stop codon but Glu when expressed in Tg-1 or JM109 strains of E.c
ol

<400> 129

Ser Pro Gly Lys Val Glu Asn
1 5

<210> 130
<211> 8
<212> PRT
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<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 130

Leu Phe Val Pro Phe Val Ser Pro
1 5

<210> 131
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 131

Ser Pro Gly Asp Leu Trp Val
1 5

<210> 132
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 132

Glu Ser Gly Leu Ser Pro Val Ser Pro Cys Ser Leu Tyr Ser Leu
1 5 10 15

<210> 133
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 133

Thr Ser Ala Asn Gly Pro Tyr Gly
1 5

<210> 134
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 134

Pro Trp Ala Tyr Arg Phe Leu Ala Val Leu
1 5 10

<210> 135
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 135

Arg Lys Thr Arg Glu Lys Tyr Gly
1 5

<210> 136
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

C24

<400> 136

Glu Leu Met Tyr Pro Pro Pro Tyr Tyr Leu Gly Ile
1 5 10

<210> 137
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 137

Ser Pro Gly Gln Glu Leu Thr
1 5

<210> 138
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 138

Glu Leu Phe Phe Leu Leu Tyr Ala Pro Cys Tyr Leu Phe Gln Arg
1 5 10 15

<210> 139
<211> 5

<212> PRT
<213> Homo sapiens

<220>
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<222> (1)..(5)
<223> V-like beta strand sequence

<400> 139

Ala Gly Phe Cys Cys
1 5

<210> 140
<211> 4
<212> PRT
<213> Homo sapiens

<400> 140

Phe Trp Lys Thr
1

<210> 141
<211> 5
<212> PRT
<213> Homo sapiens

<400> 141

Gly Phe Cys Cys Cys
1 5

<210> 142
<211> 6
<212> Artificial Sequence
<213> CDR1 and CDR3 inserts possessing randomly generated sequence

<400> 142

SPECQD
1 5